IFW

I hereby certify that this correspondence is being deposited with the U.S. Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450.

Date of Signature

7/20/04

Attorney of Record

PATENT

Docket No. 790463.00002

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

William N. Reining

Appl. No.:

JUL 2 2 2004

10/661,884

Filed:

September 12, 2003

For:

Method And Apparatus For Metal Target

Proximity Detection At Long Distances

Art Unit:

2858

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please enter the following information in the file of the above application for consideration during examination of this application. Attached is a form "Information Disclosure Statement by Applicant" which lists items of prior art cited and a copy of each item is submitted herewith.

No fee is believed to be due, but if a fee is due, then authorization is hereby provided to charge Quarles & Brady deposit account 17-0055.

Respectfully submitted,

By:

John T. Pienkos Quarles & Brady LLP 411 East Wisconsin Avenue Milwaukee, WI 53202-4497 (414) 277-5777 Attorney of Record JUL 2 2 2004

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Red s are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/661,884		
Filing Date	September 12, 2003		
First Named Inventor	William N. Reining		
Art Unit	2858		
Examiner Name			
Attorney Docket Number	790463 00002		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 5,519,381	05-21-1996	Marsh et al.	
-		^{US-} 5,537,105	07-16-1996	Marsh et al.	
		^{US-} 5,557,280	09-17-1996	Marsh et al.	
		^{US-} 5,566,441	10-22-1996	Marsh et al.	
		^{US-} 5,699,066	12-16-1997	Marsh et al.	
		^{US-} 5,726,630	03-10-1998	Marsh et al.	
		^{US-} 6,499,656	12-31-2002	Marsh et al.	
		^{US-} 6,621,467	09-16-2003	Marsh	
		^{US-} 6,359,449	03-19-2002	Reining et al.	
		^{US-} 2002/0153418	10-24-2002	Maloney	
		^{US-} 2003/0201321	10-30-2003	Maloney	
		US-			

FOREIGN PATENT DOCUMENTS						
	Cite No.1		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
						י
						Γ
						Ī
	-					Г

Examiner	 Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Transation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450..

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.